

P001BS-005

CCD Barcode Scanner

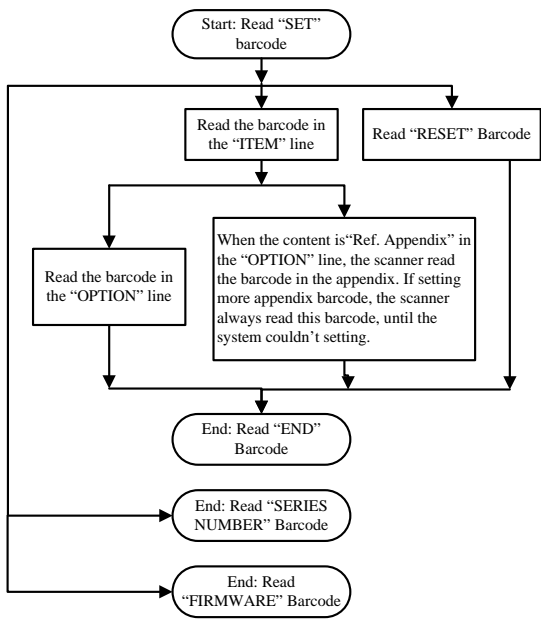
User's Manual

Version 1.05

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PROGRAM PROCEDURE USING SCANNER MENUS:





1. System Information

1.1 Restore default

The reading of the “RESET” label turns all the parameters back to default values.



RESET

1.2 Show firmware version

The reading of the “FIRMWARE VERSION” label will be shown firmware version



FIRMWARE

1.3 Show series number

The reading of the “SERIES NUMBER” label will be show series number.



SERIES NUMBER







SET

2. System Setup








2.1 Interface selection

There are three kinds of different interfaces to be chosen now.

The scanner remains in the last interface type when the scanner is reset.

ITEM	OPTION
 INTERFACE	 * KEYBOARD /USB
	 RS-232
	 WAND










Choose the appropriate type of keyboard emulation by

ITEM	OPTION
 SYSTEM TYPE	 *PC AT, PS/2 50 60 70 80
	 PC XT
	 IBM5550
	 Apple Macintosh
	 NEC 9800
	 ACER 7300

scanning the labels under the following labels.













END

ITEM	OPTION
 LANGUAGE SELECTION	 * USA
	 UK
	 Germany
	 French
	 Spanish
	 Italian
	 Swiss
	 Swedish



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ITEM	OPTION
 KEYBOARD OPTION	 *AUTOMATISM
	 NUM LOCK ON
	 NUM LOCK OFF
	 CAPS LOCK ON
	 CAPS LOCK OFF
 MESSAGE TERMINATOR (for KB)	 None
	 *Enter
	 Tab














END

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SET

ITEM	OPTION
 BAUD RATE (For RS-232)	 1200 bps
	 2400 bps
	 4800 bps
	 *9600 bps
	 19200 bps
	 57600bps
 DATA BIT (For RS-232)	 7 Bit
	 *8 Bit

ITEM	OPTION
 STOP BIT (For RS-232)	 *1Bit
	 2Bit
 CHECK SET (For RS-232)	 *None
	 EVEN CHECK
	 ODD CHECK
 HANDSHAKING SELECTION (For RS-232)	 *None
	 RTS/CTS
	 XON/XOFF













END



SET

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ITEM	OPTION
 MESSAGE TERMINATOR (For RS-232)	 None
	 *CR/LF
	 CR
	 LF
	 H Tab
	 STX/ETX
	 EOT

ITEM	OPTION
 DATA DURATION	 *0 ms
	 10ms
	 50ms
	 100ms
 CHARACTER	 *0 s
	 0.5s
	 1s
	 5s



END



SET

2.2 Scanning mode selection

Trigger mode:

The scanner becomes inactive as soon as the data is transmitted. It must be triggered to become active again.

Auto scan mode:

The scanner is always on, put the barcode before the scan line, decode just one time. Decode again only when change barcode. If decode the same barcode once more, put it on the scan line, then scan works the second time.

Alternate mode:

When press the scanner trigger switch once, this scanner will light up. Simultaneously, The scanner decoded only once when put the barcode on the scan line. If put the barcode on the scan line again, the scanner decoded again. Then, the scanner will turn off for next pressing.

Repeat mode:








This mode is similar to Auto scan mode, but double reading for the same barcode is prohibited if the scanner switch is pressed.

Testing mode:

The scanner is always on. All the while, the scanner decoded and transmitted the data when the barcode is put on scan line.

Turbo trigger mode:

When the trigger is pressed, the scanner decoded sequentially.

ITEM	OPTION
 <p data-bbox="156 939 418 1002">SCANNING MODE SELECTION</p>	 <p data-bbox="609 575 796 606">*Trigger mode</p>
	 <p data-bbox="601 728 808 758">Auto scan mode</p>
	 <p data-bbox="606 880 803 911">Alternate mode</p>
	 <p data-bbox="619 1033 790 1064">Repeat mode</p>
	 <p data-bbox="619 1186 790 1217">Testing mode</p>
	 <p data-bbox="619 1339 790 1370">Testing mode</p>






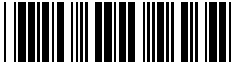

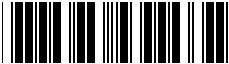




END



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2.3 Beeper selection

ITEM	OPTION
 BEEPER TONE	 Low
	 Very low
	 *Medium
	 High
 BEEPER SOUND DURATION	 Disable
	 Short
	 *Medium
	 Long





2.4 Header and Trailer

This option allows you to append a header and/or a trailer to every message transmitted via the serial ports or the keyboard port. There is no restriction in selecting header or trailer characters as far as the sum of the lengths of header and trailer is not greater than 10 digits.

1. Select either header or trailer you are going to program by scanning the corresponding label

Scan the character you want from the enclose ASCII

2. table to set as header or trailer.
3. Read the “SET” label to set your choice into memory.

ITEM	OPTION
 HEADER	 * None
	Ref. Appendix
 TRAILER	 * None
	Ref. Appendix






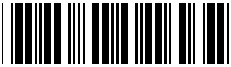







END














SET

3. Barcode parameters setting

3.1 UPC-A

ITEM	OPTION
 READABLE	 Disable
	 *Enable
 IDENTIFIER CODE	 *Disable
	Ref. Appendix
 TRANSMITTING CHECK DIGIT	 Disable
	 *Enable
 CUT FRONT	 Disable
	 *Enable

3.2 UPC-E CONTROL

ITEM	OPTION
 READABLE	 Disable
	 *Enable
 IDENTIFIER CODE	 *Disable
	Ref. Appendix
 TRANSMITTING CHECK DIGIT	 Disable
	 *Enable
 CUT FRONT	 Disable
	 *Enable














END






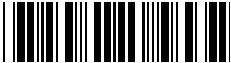




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3.3 EAN-13 CONTROL

ITEM	OPTION
 READABLE	 Disable
	 *Enable
 IDENTIFIER CODE	 *Disable
	Ref. Appendix
 TRANSMITTING CHECK DIGIT	 Disable
	 *Enable
 TRANSFER TO ISBN/ISSN	 *Disable
	 Enable

3.4 EAN-8 CONTROL

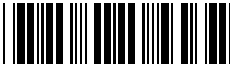


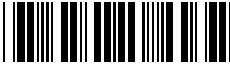


ITEM	OPTION
 READABLE	 Disable
	 *Enable
 IDENTIFIER CODE	 *Disable
	Ref. Appendix
 TRANSMITTING CHECK DIGIT	 Disable
	 *Enable

 END




SET












3.5 UPC/EAN CONVERSION

ITEM	OPTION
 UPC-A TO EAN-13 CONVERSION	 *Disable
	 Enable
 UPC-E TO UPC-A CONVERSION	 *Disable
	 Enable

3.6 UPC/EAN ADDED CODE

ITEM	OPTION
 ADDED CODE	 *None
	 *2 or 5 Bit

3.7 Code 39 Control




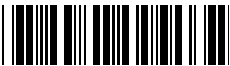










ITEM	OPTION
 READABLE	 Disable
	 *Enable
 IDENTIFIER CODE	 *Disable
	Ref. Appendix
 CALCULATING	 *Disable
	 Enable
 CONCATENATION	 *Disable
	 Enable














END



SET

ITEM	OPTION
 PARAMETERS	 * Standard Code 39
	 Full Code 39
 START/STOP CHARACTER TRANSMISSION	 *Disable
	 Enable
 MIN	 0
	Ref. Appendix (0~64) (*0)
 MAX.	 0
	Ref. Appendix (0~64)(*64)
 CUT FRONT	 0
	*Ref. Appendix
 CUT BACK	 0
	*Ref. Appendix

3.8 Coda Bar Control












ITEM	OPTION
 READABLE	 Disable
	 *Enable
 IDENTIFIER CODE	 *Disable
	Ref. Appendix
 CALCULATING	 *Disable
	 Enable
 TRANSMITTING CHECK DIGIT	 *Disable
	 Enable







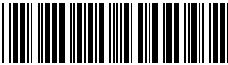
END



SET

ITEM	OPTION
 START/STOP CHARACTER TYPE	 *ABCD/ABCD
	 abcd/abcd
	 abcd/tn*e
 START/STOP CHARACTER TRANSMISSION	 *Disable
	 Enable
 MIN	 0
	Ref. Appendix A(0~64)(*5)
 MAX	 0
	Ref. Appendix A(0~64)(*64)

ITEM	OPTION
 <p>CUT FRONT</p>	 <p>*0</p>
	Ref. Appendix
 <p>CUT BACK</p>	 <p>*0</p>
	Ref. Appendix






















END



SET

3.9 Code 93 Control

ITEM	OPTION
 READABLE	 Disable
	 *Enable
 IDENTIFIER CODE	 *Disable
	Ref. Appendix
 CALCULATING	 *Disable
	 Enable
 TRANSMITTING CHECK DIGIT	 *Disable
	 Enable

ITEM	OPTION
 MIN	 0
	Ref. Appendix (0~64)(*5)
 MAX	 0
	Ref. Appendix (0~64)(*64)
 CUT FRONT	 *0
	Ref. Appendix
 CUT BACK	 *0
	Ref. Appendix






















END



SET

3.10 Code 128 Control

ITEM	OPTION
 READABLE	 Disable
	 *Enable
 IDENTIFIER CODE	 *Disable
	Ref. Appendix
 CALCULATING	 Disable
	 *Enable
 TRANSMITTING CHECK DIGIT	 *Disable
	 Enable

ITEM	OPTION
 MIN	 0
	Ref. Appendix (0~64)(*0)
 MAX	 0
	Ref. Appendix (0~64)(*64)
 CUT FRONT	 *0
	Ref. Appendix
 CUT BACK	 *0
	Ref. Appendix






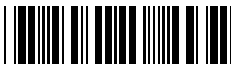















END



SET

3.11 Interleaved 2 of 5 Control

ITEM	OPTION
 READABLE	 Disable
	 *Enable
 IDENTIFIER CODE	 * Disable
	Ref. Appendix
 CALCULATING	 * Disable
	 Enable
 TRANSMITTING CHECK DIGIT	 * Disable
	 Enable

ITEM	OPTION
 MIN	 0
	Ref. Appendix(0~64)(*5)
 MAX	 0
	Ref. Appendix(0~64)(*64)
 CUT FRONT	 *0
	Ref. Appendix
 CUT BACK	 *0
	Ref. Appendix






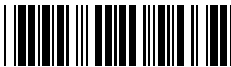
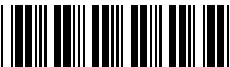








END
















SET

3.12 Industrial 2 of 5 Control

ITEM	OPTION
 READABLE	 Disable
	 *Enable
 IDENTIFIER CODE	 *Disable
	Ref. Appendix
 MIN	 0
	Ref. Appendix (0~64)(*5)
 MAX	 0
	Ref. Appendix (0~64)(*64)
 CUT FRONT	 *0
	Ref. Appendix
 CUT BACK	 *0
	Ref. Appendix

3.13 Standard 2 of 5 Control

ITEM	OPTION
<div>  READABLE </div>	<div>  Disable </div>
	<div>  *Enable </div>
<div>  IDENTIFIER CODE </div>	<div>  *Disable </div>
	Ref. Appendix
<div>  MIN </div>	<div>  0 </div>
	Ref. Appendix (0~64)(* 5)
<div>  MAX </div>	<div>  0 </div>
	Ref. Appendix (0~64)(*64)
<div>  CUT FRONT </div>	<div>  *0 </div>
	Ref. Appendix
<div>  CUT BACK </div>	<div>  *0 </div>
	Ref. Appendix






















END



SET

3.14 Matrix 2 of 5 Control

ITEM	OPTION
 READABLE	 *Disable
	 Enable
 IDENTIFIER CODE	 *Disable
	Ref. Appendix
 CALCULATING	 *Disable
	 Enable
 TRANSMITTING CHECK DIGIT	 *Disable
	 Enable

ITEM	OPTION
 MIN	 0
	Ref. Appendix (0~64)(*5)
 MAX	 0
	Ref. Appendix (0~64)(*64)
 CUT FRONT	 *0
	Ref. Appendix
 CUT BACK	 *0
	Ref. Appendix






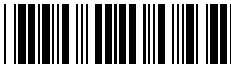















END



SET

3.15 China Postal Code Control

ITEM	OPTION
 READABLE	 *Disable
	 Enable
 IDENTIFIER CODE	 *Disable
	Ref. Appendix
 CALCULATING	 *Disable
	 Enable
 TRANSMITTING CHECK DIGIT	 *Disable
	 Enable

ITEM	OPTION
 MIN	 0
	Ref. Appendix (0~64)(* 5)
 MAX	 0
	Ref. Appendix (0~64)(* 64)
 CUT FRONT	 *0
	Ref. Appendix
 CUT BACK	 *0
	Ref. Appendix

























END



SET

3.16 MSI/Plessey Control

ITEM	OPTION
 READABLE	 *Disable
	 Enable
 IDENTIFIER CODE	 *Disable
	Ref. Appendix
 MIN	 0
	Ref. Appendix (0~64)(*5)
 MAX	 0
	Ref. Appendix (0~64)(*64)
 CUT FRONT	 *0
	Ref. Appendix
 CUT BACK	 *0
	Ref. Appendix

ITEM	OPTION
 CALCULATING	 *None
	 Mode10 Transmit 0 bit
	 Mode10 Transmit 1 bit
	 Mode11 Transmit 0 bit
	 Mode11 Transmit 1 bit
	 Mode11 Transmit 2 bit
	 Mode10/ Mode11 Transmit Yes
	 Mode10/ Mode11 Transmit No



END

Appendix



NUL



BS



SOH



HT



STX



LF



ETX



VT



EOT



FF



ENQ



CR



ACK



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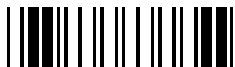
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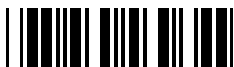
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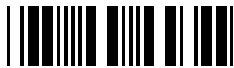
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